



Department of Energy
Office of Science
Brookhaven Site Office
P.O. Box 5000
Upton, New York 11973

March 2, 2021

Ms. Sharon Hartzell
Federal Facilities Section
U.S. EPA - Region II
290 Broadway - 18th Floor
New York, New York 10007-1866

Mr. Brian Jankauskas
New York State Department of
Environmental Conservation
Division of Environmental Remediation
625 Broadway -12th Floor
Albany, New York 12233

Dear Ms. Hartzell and Mr. Jankauskas:

SUBJECT: BROOKHAVEN NATIONAL LABORATORY (BNL) INTERAGENCY
AGREEMENT (IAG): 2020 ENVIRONMENTAL MONITORING REPORT
CURRENT AND FORMER LANDFILL AREAS

Attached please find a copy of the subject document for your review, comment, and approval.
The following outlines the key points of the report.

Current Landfill:

- Landfill gasses are not migrating to any buildings.
- Elevated levels chloroethane, 1,1-dichloroethane and benzene continue to be detected downgradient of the landfill. These concentrations are naturally attenuating and are not detected at the site boundary above the drinking water standard.
- There have been no detections of radionuclides above the drinking water standards since 1998.

Former Landfill:

- Landfill gasses were not detected.
- The Former Landfill groundwater monitoring data collected during the previous two decades indicate groundwater impact is essentially nonexistent. With the current and historical groundwater monitoring data as evidence, it is proposed that groundwater monitoring of the Former Landfill monitoring well network be discontinued.

If you have any questions please contact Jerry Granzen, of my staff, at (631) 344-4089. We plan to brief you on the conclusions of this report during the April IAG teleconference.

Sincerely,

Robert P. Gordon
Site Manager

Attachment:
2020 Landfill Report

cc: W. Parish, NYSDEC
A. Rapiejko, SCDHS
G. Granzen, SC-BHSO
S. Coleman, BSA
W. Dorsch, BSA

T. Green, BSA
R. Howe, BSA
J. Milligan, BSA
J. Remien, BSA
L. Singh, BSA